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TI Ultrahigh-strength **cement** concrete containing **zeolite**
IN Gu, Fan-feng
PA Taiwan
SO Jpn. Kokai Tokkyo Koho, 12 pp.
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DT Patent
LA Japanese
IC ICM C04B028-22
ICS C04B028-22; C04B007-12; C04B022-08; C04B103-14; C04B111-00
CC 58-2 (Cement, Concrete, and Related Building Materials)

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CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 2002255621	ICM	C04B028-22
	ICS	C04B028-22; C04B007-12; C04B022-08; C04B103-14; C04B111-00

AB Ultrahigh-strength **cement** concrete contains **cement**, **zeolite**, coarse aggregate, fine aggregate, water, and additives, wherein 0.5-40% **cement** is replaced with **zeolite as a pozzolanic material** to carry out the **pozzolan** reaction with **cement** to generate a low-d. colloidal Ca silicate hydrate, which is filled in cavity of concrete to crosslink various material to enhance the strength.

ST ultrahigh strength concrete **zeolite**

IT Plasticizers
(superplasticizers; ultrahigh-strength **cement** concrete contg. **zeolite**)

IT Concrete
Strength
(ultrahigh-strength **cement** concrete contg. **zeolite**)

IT **Pozzolans**
Zeolites (synthetic), uses